

FIG. 1

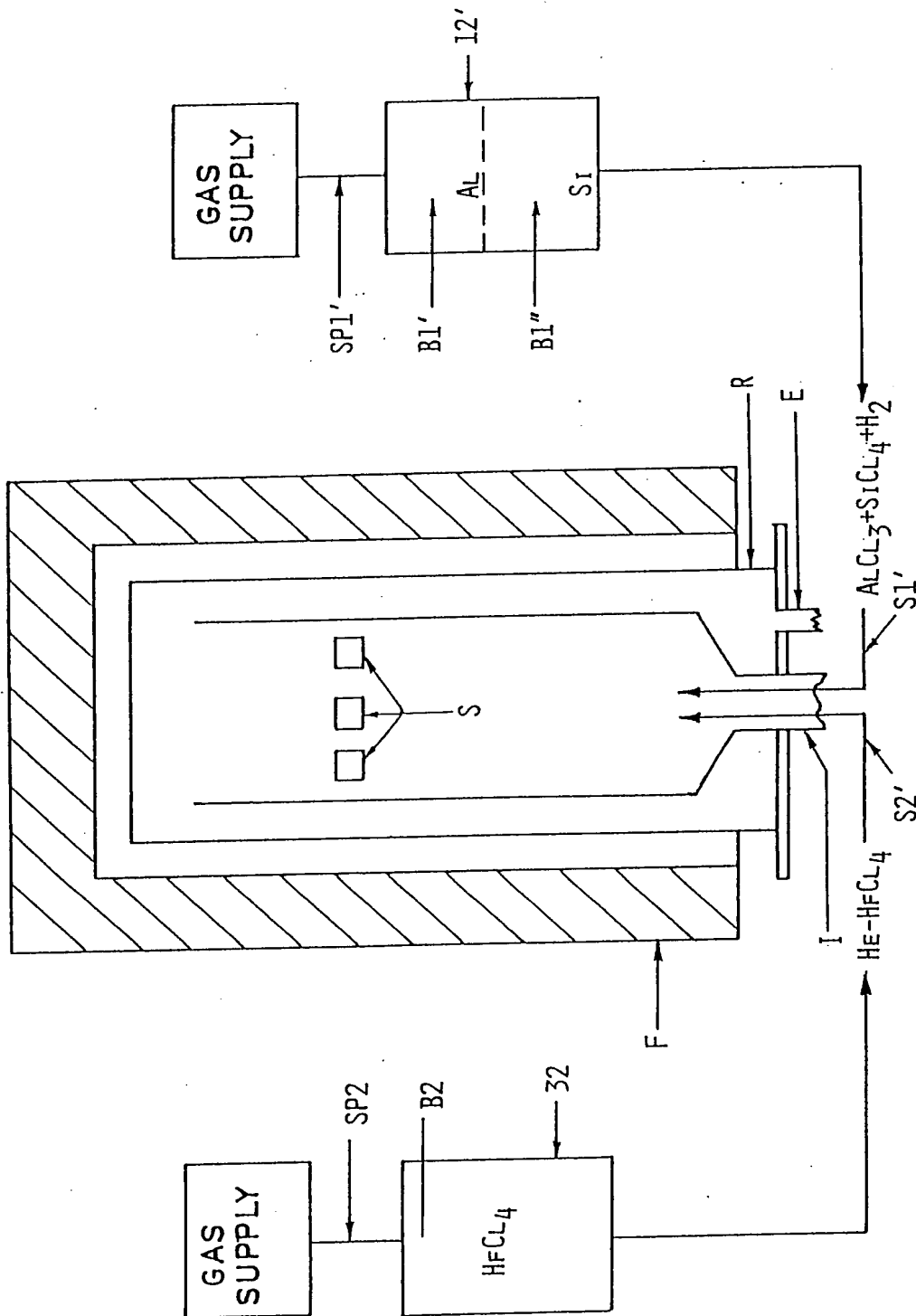


FIG. 2

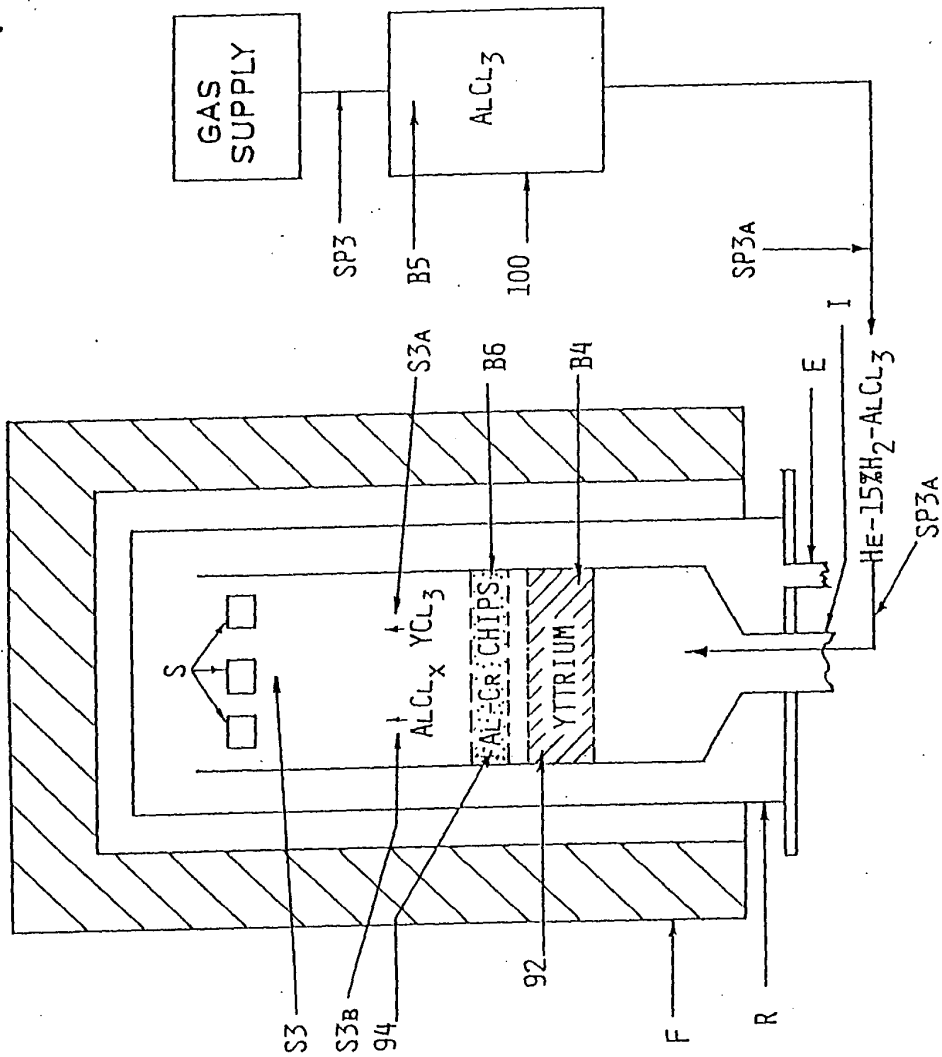


FIG. 3

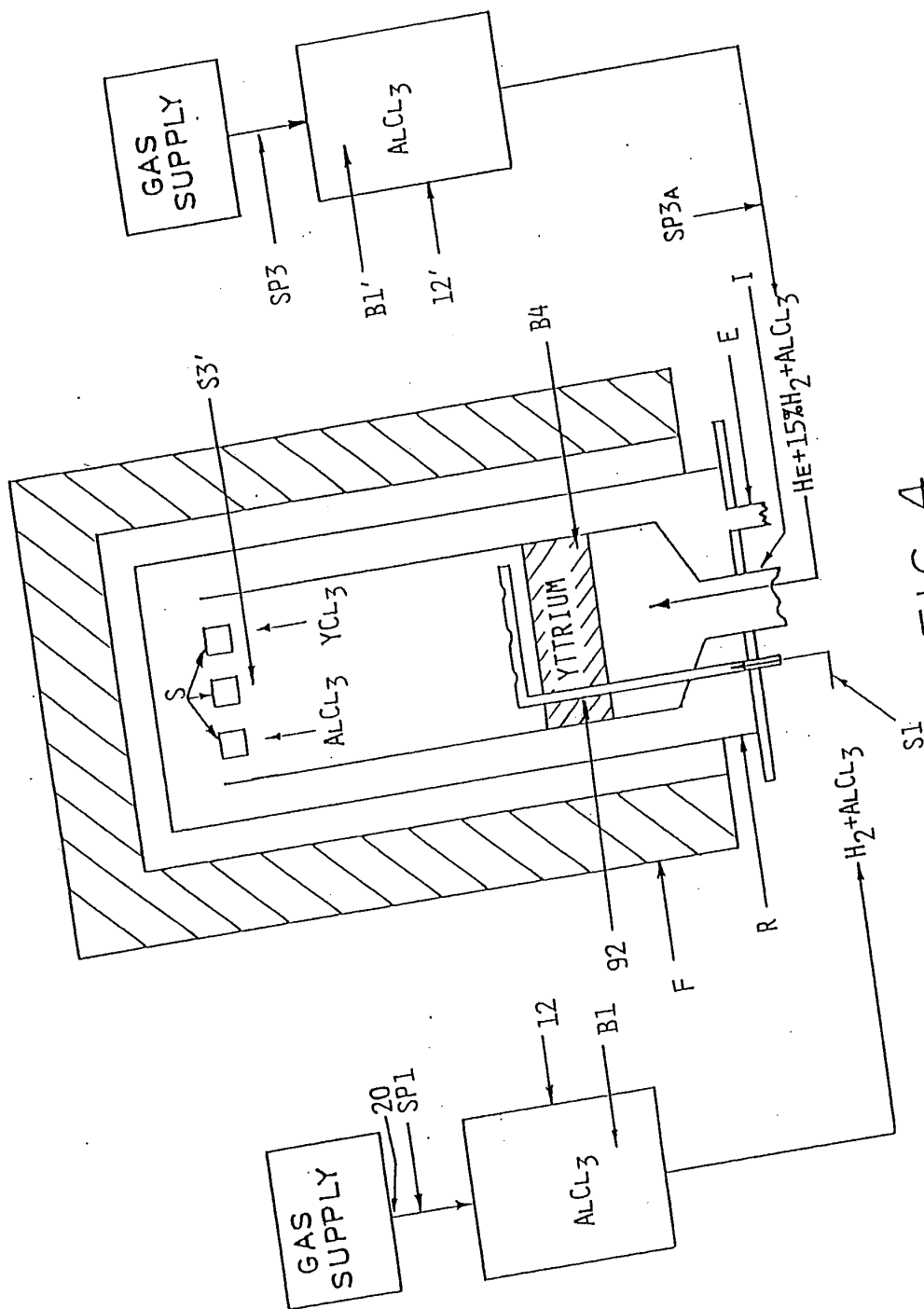


FIG. 4

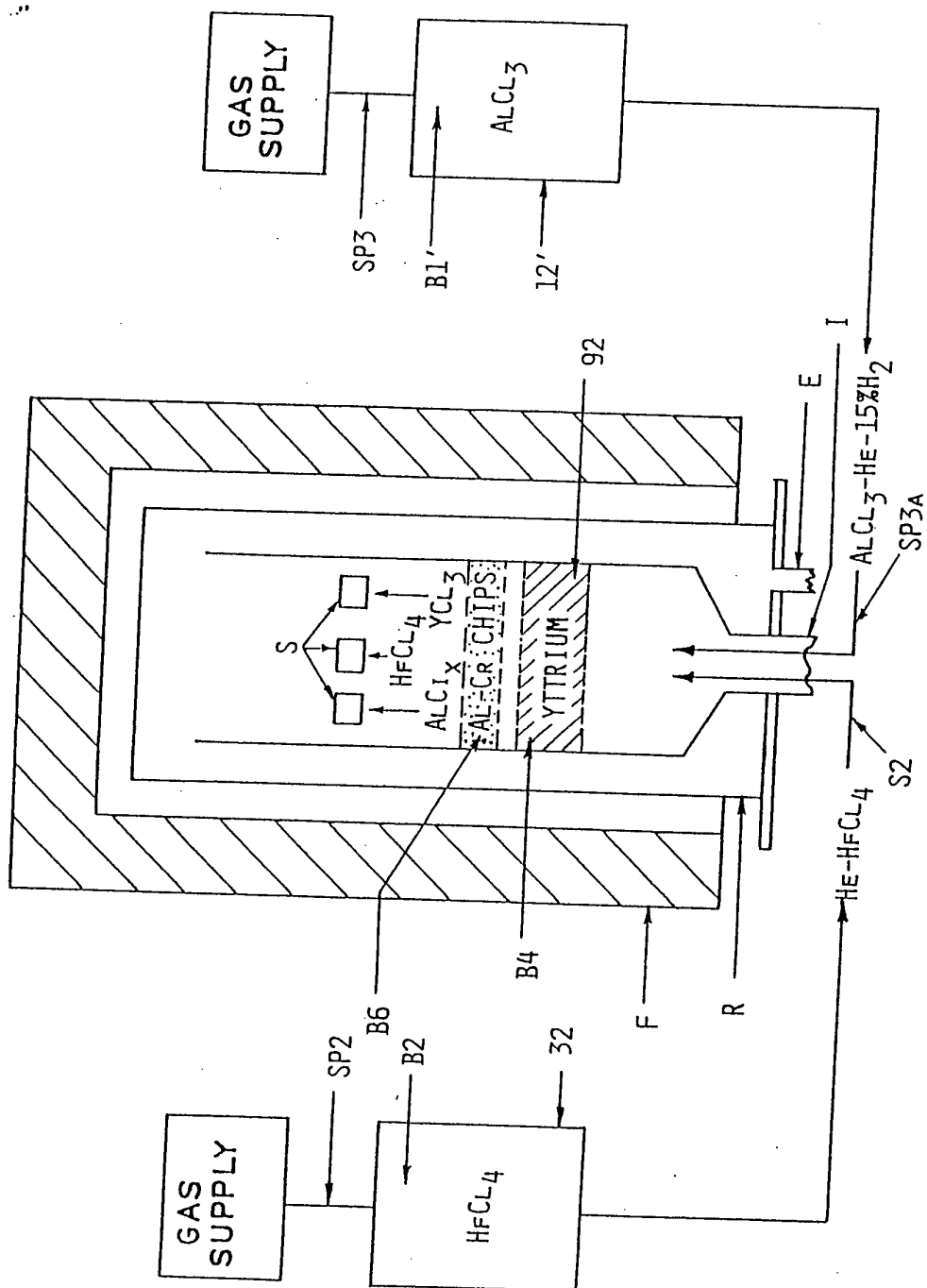


FIG. 5

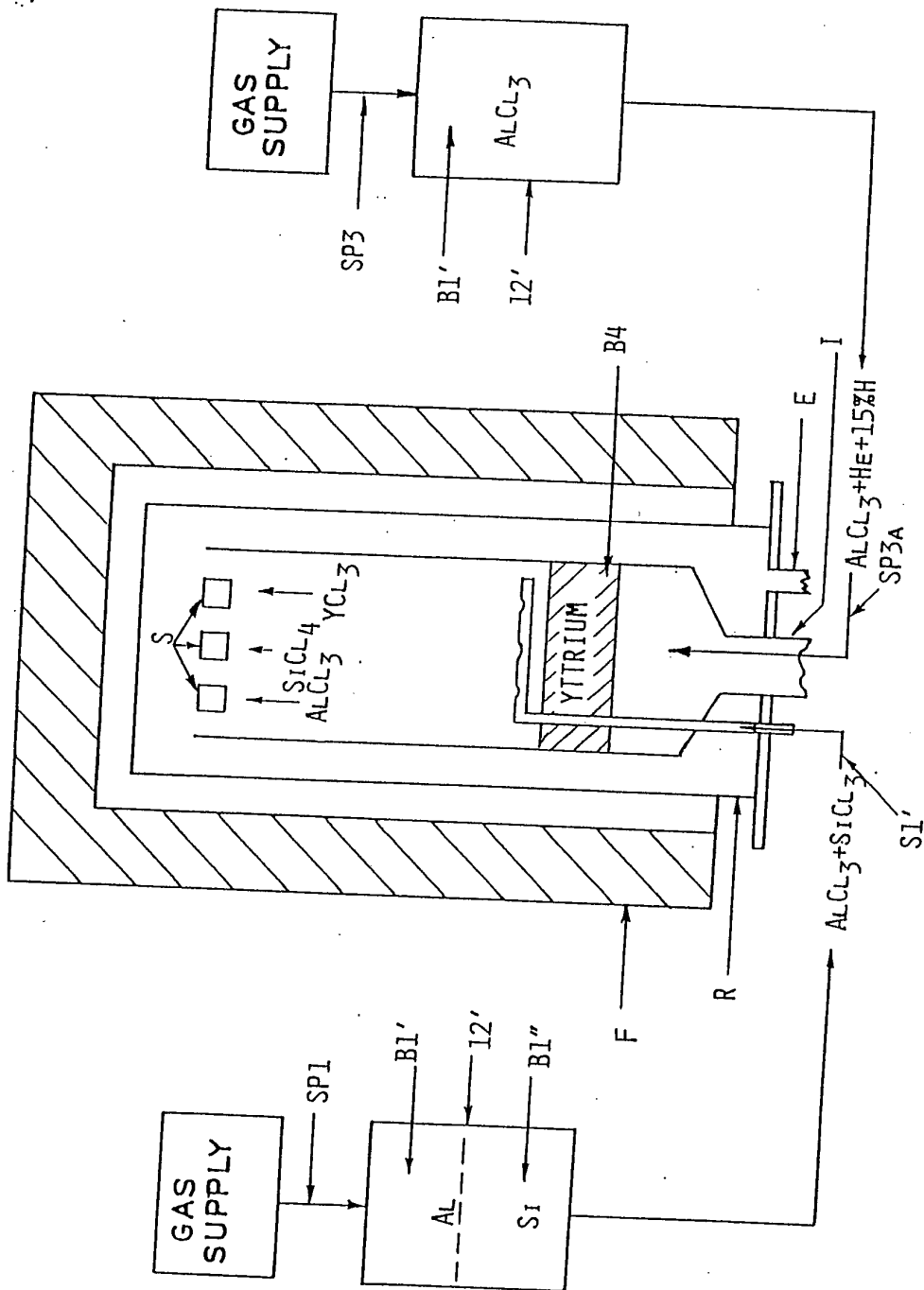
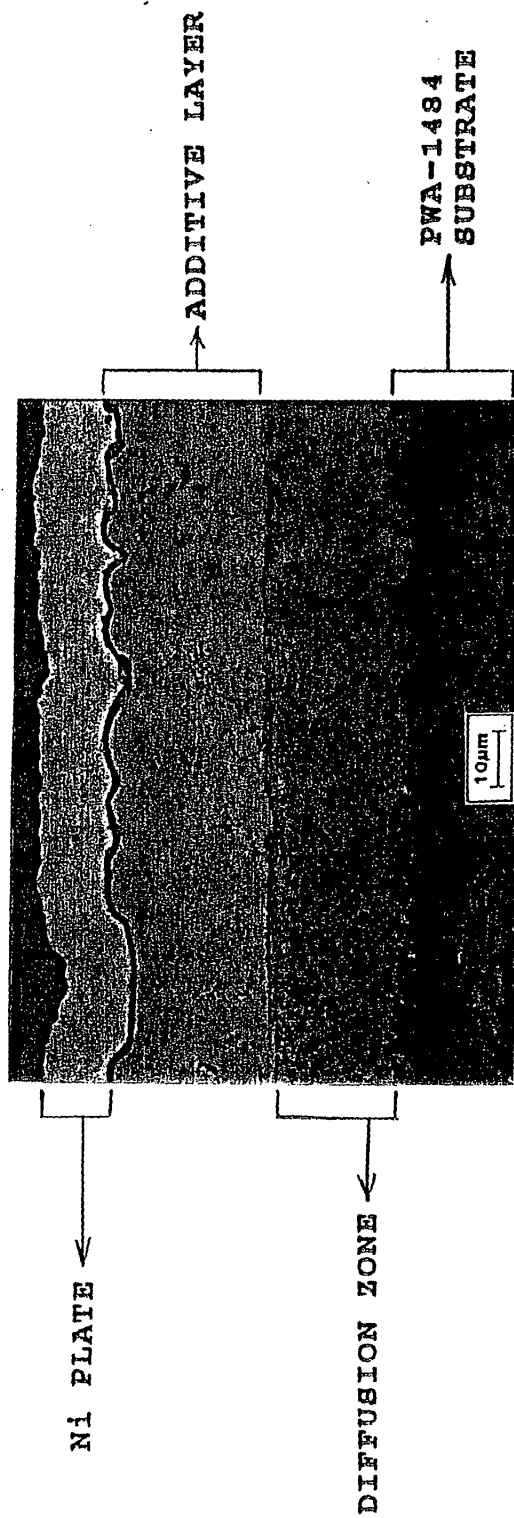


FIG. 6

CVD CODEPOSITION
Hf-Si MODIFIED ALUMINIDE



DARK PARTICLES IN THE ADDITIVE LAYER ARE HAFNIUM RICH SECOND PHASES

FIG.7